

chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30  
 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53  
 54 55 56

ring nodes :

1 2 3 4 5 6

chain bonds :

2-51 3-45 5-7 6-25 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15 15-16 16-17  
 16-42 17-18 18-19 19-20 20-21 21-22 22-23 23-24 23-41 25-26 26-27 27-28 28-29  
 29-30 30-31 31-32 32-33 32-43 33-34 34-35 35-36 36-37 37-38 38-39 39-40 39-44  
 45-46 46-47 47-48 48-49 49-50 51-52 52-53 53-54 54-55 55-56

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

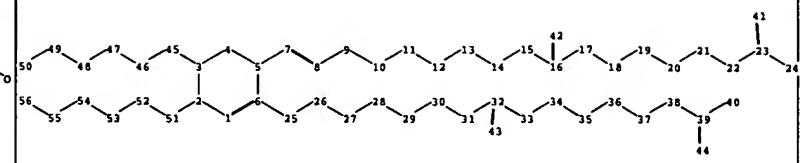
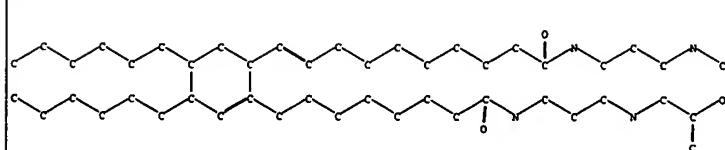
1-2 1-6 2-3 3-4 4-5 5-6 16-17 16-42 17-18 20-21 21-22 23-24 23-41 32-33 32-43  
 33-34 36-37 37-38 39-40

exact bonds :

2-51 3-45 5-7 6-25 7-8 8-9 9-10 10-11 11-12 12-13 13-14 14-15 15-16 18-19  
 19-20 22-23 25-26 26-27 27-28 28-29 29-30 30-31 31-32 34-35 35-36 38-39 39-44  
 45-46 46-47 47-48 48-49 49-50 51-52 52-53 53-54 54-55 55-56

Match level :

|          |          |          |          |          |          |          |          |          |          |
|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 1:Atom   | 2:Atom   | 3:Atom   | 4:Atom   | 5:Atom   | 6:Atom   | 7:CLASS  | 8:CLASS  | 9:CLASS  | 10:CLASS |
| 11:CLASS | 12:CLASS | 13:CLASS | 14:CLASS | 15:CLASS | 16:CLASS | 17:CLASS | 18:CLASS | 19:CLASS |          |
| 20:CLASS | 21:CLASS | 22:CLASS | 23:CLASS | 24:CLASS | 25:CLASS | 26:CLASS | 27:CLASS | 28:CLASS |          |
| 29:CLASS | 30:CLASS | 31:CLASS | 32:CLASS | 33:CLASS | 34:CLASS | 35:CLASS | 36:CLASS | 37:CLASS |          |
| 38:CLASS | 39:CLASS | 40:CLASS | 41:CLASS | 42:CLASS | 43:CLASS | 44:CLASS | 45:CLASS | 46:CLASS |          |
| 47:CLASS | 48:CLASS | 49:CLASS | 50:CLASS | 51:CLASS | 52:CLASS | 53:CLASS | 54:CLASS | 55:CLASS |          |



chain nodes :

ring nodes :

1 2 3 4 5 6

chain bonds :

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2-51  | 3-45  | 5-7   | 6-25  | 7-8   | 8-9   | 9-10  | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 16-17 |
| 16-42 | 17-18 | 18-19 | 19-20 | 20-21 | 21-22 | 22-23 | 23-24 | 23-41 | 25-26 | 26-27 | 27-28 | 28-29 |       |
| 29-30 | 30-31 | 31-32 | 32-33 | 32-43 | 33-34 | 34-35 | 35-36 | 36-37 | 37-38 | 38-39 | 39-40 | 39-44 |       |
| 45-46 | 46-47 | 47-48 | 48-49 | 49-50 | 51-52 | 52-53 | 53-54 | 54-55 | 55-56 |       |       |       |       |

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 16-17 16-42 17-18 20-21 21-22 23-24 23-41 32-33 32-43  
33-34 36-37 37-38 39-40

exact bonds

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2-51  | 3-45  | 5-7   | 6-25  | 7-8   | 8-9   | 9-10  | 10-11 | 11-12 | 12-13 | 13-14 | 14-15 | 15-16 | 18-19 |
| 19-20 | 22-23 | 25-26 | 26-27 | 27-28 | 28-29 | 29-30 | 30-31 | 31-32 | 34-35 | 35-36 | 38-39 | 39-44 |       |
| 45-46 | 46-47 | 47-48 | 48-49 | 49-50 | 51-52 | 52-53 | 53-54 | 54-55 | 55-56 |       |       |       |       |

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS  
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS  
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS  
29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS  
38:CLASS 39:CLASS 40:CLASS 41:CLASS 42:CLASS 43:CLASS 44:CLASS 45:CLASS 46:CLASS  
47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS  
56:CLASS

```
=>  
Uploading C:\STNEXP4\QUERIES\7145.str
```

```
L1      STRUCTURE UPLOADED
```

```
=> d 11  
L1 HAS NO ANSWERS  
L1      STR  
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
```

```
Structure attributes must be viewed using STN Express query preparation.
```

```
=> s 11  
REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.
```

```
SAMPLE SEARCH INITIATED 14:20:37 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED -      2 TO ITERATE
```

```
100.0% PROCESSED      2 ITERATIONS          0 ANSWERS  
SEARCH TIME: 00.00.01
```

```
FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**  
                      BATCH   **COMPLETE**  
PROJECTED ITERATIONS:      2 TO      124  
PROJECTED ANSWERS:        0 TO      0
```

```
L2      0 SEA SSS SAM L1
```

```
L3      0 L2
```

```
=> s 11 full  
REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.
```

```
FULL SEARCH INITIATED 14:20:42 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED -      9 TO ITERATE
```

```
100.0% PROCESSED      9 ITERATIONS          0 ANSWERS  
SEARCH TIME: 00.00.01
```

```
L4      0 SEA SSS FUL L1
```

```
L5      0 L4
```

```
=>
```

Uploading C:\STNEXP4\QUERIES\7145a.str

L6 STRUCTURE uploaded

=> d  
L6 HAS NO ANSWERS  
L6 STR  
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> s 16  
REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 14:23:07 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 2 TO 124  
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

L8 0 L7

=> s 16 full  
REGISTRY INITIATED  
Substance data SEARCH and crossover from CAS REGISTRY in progress...  
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

FULL SEARCH INITIATED 14:23:28 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 20 TO ITERATE

100.0% PROCESSED 20 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L6

L10 0 L9